a generation time point of the noise in the demodulated audio signal which is detected by said noise detector [ion means];

a second corrector[ion means for] outputting the correction signal for correcting the noise according to at least one of the values of the demodulated audio signals which are respectively smoothed before and after the generation period of the noise which is detected by said noise detector;

a high band level detector [ion means for] detecting the level of a high band component of the audio signal; and

a selector [ion means for] selecting either one of said first or said second correctors[ion means] according to the output of said high band level detection means.

2. (Once Amended) The noise removal apparatus according to Claim 1, wherein

said first corrector [ion means] outputs a low pass filter output of a signal value obtained from a linear interpolation of 2 signal values existing just before and just after a predetermined period including a generation time point of the noise, as a correction signal.

3. (Once Amended) The noise removal apparatus according to Claim 1, wherein

said second corrector [ion means] outputs a low pass filter output of the signal value obtained from the linear interpolation of 2 average signal values obtained by averaging a plurality of signal values existing before and after a predetermined period including the generation time point of the noise, corresponding to each of before and after the generation of the noise, as a correction signal.

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4. (Once Amended) The noise removal apparatus according to Claim 1, further comprising:

a level detector [ion means for] detecting the whole band level in the demodulated audio signal, wherein

said selector [ion means] is operated according to a relationship between a ratio of the level output of said high band level detector [ion means] to the level output of said level detector [ion means], and a predetermined value.

5. (Once Amended) The noise removal apparatus according to Claim 1, wherein

the detection sensitivity of said noise detector [ion means] is changeable corresponding to the output level of said high band level detector [ion means].

6. (Once Amended) The noise removal apparatus Claim 1, wherein said selector [ion means] is operated according to the level of an addition signal and the level of a subtraction signal between the right channel signal and the left channel signal constituting the audio signal.

8. (Once Amended) A noise removal apparatus comprising:

a noise detector [ion means for] detecting the noise included in a demodulation signal having the information corresponding to audio signals of a plurality of channels from the demodulation signals;

an audio signal demodula<u>tor</u> [ion means for] demodulating and outputting the audio signals corresponding to each of the plurality of channels from the information corresponding to the audio signals included in the demodulation signals; and

a correc<u>tor</u> [ion means which can correct] independently <u>correcting</u> [for] each audio signal outputted from said audio signal demodulation means according to the output of said noise detec<u>tor</u> [ion means].

9. (Once Amended) The noise removal apparatus according to Claim 8, wherein

said noise detec<u>tor</u> [ion means] conducts the noise detection such that, for each predetermined period which alternates among a plurality of channels, a portion of the period respectively overlaps with each other.

10. (Once Amended) The noise removal apparatus according to Claim 8, wherein

according to the output of said noise detec<u>tor</u> [ion means], a generation condition of the noise is detected, and corresponding to the detected result, the detection sensitivity of said noise detec<u>tor</u> [ion means] is controlled.

REMARKS

Claims 1-11 are pending in the present application.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly solicited.